



Rigid Bis(tetrathiafulvalenes) Doubly Bridged by Phosphino Groups and Derivatives: Synthesis and Intramolecular Mixed Valence State

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Titre	Rigid Bis(tetrathiafulvalenes) Doubly Bridged by Phosphino Groups and Derivatives: Synthesis and Intramolecular Mixed Valence State
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Auteur	Danila, Ion [1], Biaso, Frédéric [2], Sidorenkova, Helena [3], Geoffroy, Michel [4], Fourmigué, Marc [5], Levillain, Eric [6], Avarvari, Narcis [7]
Type	Article scientifique dans une revue à comité de lecture
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Résumé en anglais	Bis(phosphine sulfide) and bimetallic metal ⁺ carbonyl complexes of the rigid bis(TTF) (PPh) ₂ (o-DMTTF) ₂ are synthesized and structurally characterized. UV-visible and EPR spectroelectrochemistry combined with theoretical calculations demonstrate undoubtedly the occurrence and isolation of a mixed valence state in the radical cation of (PPh) ₂ (o-DMTTF) ₂ , with full delocalization of the radical on the two redox sites.
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Liens

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- [3] [http://okina.univ-angers.fr/publications?f\[author\]=2676](http://okina.univ-angers.fr/publications?f[author]=2676)
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- [7] <http://okina.univ-angers.fr/narcis.avarvari/publications>
- [8] <http://okina.univ-angers.fr/publications/ua1976>
- [9] <http://dx.doi.org/10.1021/om900107y>

